## Table A-3 Alphabetical Listing of Software in the Beta Version of the Site Characterization Library Version 3.0

	Date of	Author or Sponsoring Organization
Title	Publication	Nation of Sponsoring Organization
	runication	
1000000	0/1/1007	USEPA NRML/SPRD
2DFATMIC - Source Code Version 1.0 (USEPA	8/1/1997	USEPA NRIVIL/SPRD
NRML/SPRD, 1997)	0.4.4.005	LIGEDA NEN G (ODDD)
3DFATMIC - Source Code Version 1.0 (USEPA	8/1/1997	USEPA NRML/SPRD
NRML/SPRD, 1997)		TDA NEDI
ASSESS User's Guide (EPA NERL, 1991)	1/1/1991	EPA NERL
ASSESS Version 1.01A (EPA NERL, 1991)	1/1/1991	EPA NERL
BIOCHLOR Version 2.2 (USEPA NRML/SPRD, 2002)	3/1/2002	USEPA NRML/SPRD
		David Co. C. C. LWA Decemb
Bioplume II, Computer Model of Two Dimensional	10/1/1997	National Center for Ground Water Research
Contaminant Transfer Under the Influence Oxygen	1	
Limited Biodegradation in Ground Water, User's Manual		
Version 1.0 (National Center for Ground Water Research,		
1997)		
Bioplume III, Computer Model of Two Dimensional	9/1/1997	Center for Subsurface Modeling Support, Robert S.
Contaminant Transfer Under the Influence Oxygen		Kerr Environmental Research Laboratory, EPA ORD
Limited Biodegradation in Ground Water, User's Manual		
Version 1.0 (Center for Subsurface Modeling Support,		
Robert S. Kerr Environmental Research Laboratory, EPA		
ORD, 1997)		
BIOSCREEN Version 1.4 (USEPA NRML/SPRD, 1997)	7/1/1997	USEPA NRML/SPRD
,		
CHEMFLO - One Dimensional Water and Chemical	8/1/1990	D.L. Nofziger, K. Rajender, Sivaram K. Nayudu, and
Movement in Unsaturated Soils Version 1.3 (D.L.		Pei-Yao Su, Department of Agronomy, Oklahoma State
Nofziger, K. Rajender, Sivaram K. Nayudu, and Pei-Yao		University
Su, Department of Agronomy, Oklahoma State University	,	
1990)		
CZAEM - DOS Version 1.1 (EPA NRMRL/SPRD, 1996)	8/1/1996	EPA NRMRL/SPRD
, , ,		
CZAEM User's Guide: Modeling Capture Zones of	9/1/1994	Office of Research and Development
Groundwater Wells Using Analytic Elements (Office of		
Research and Development, 1994)		
Data Quality Evaluation Statistical Tool Box	12/1/1997	EPA Office of Research and Development
(DataQUEST) User's Guide, EPA QA/G-9D QA96		
version (EPA Office of Research and Development, 1997)		
,		
Data Quality Evaluation Statistical Toolbox (Data	12/1/1997	EPA Office of Research and Development Quality
QUEST) EPA QA/G-9D QA96 (EPA Office of Research		Assurance Division
and Development Quality Assurance Division, 1997)		
, , ,		
Data Quality Objectives Decision Error Feasibility Trials	9/1/2001	EPA Office of Environmental Information
Software (DEFT) - User's Guide EPA QA/G-4D (EPA		
Office of Environmental Information, 2001)		
Data Quality Objectives Decision Error Feasibility Trials	9/1/2001	Office of Environmental Information Quality
Software (DEFT) EPA QA/G-4D Version 1.0 (Office of		
Environmental Information Quality, 2001)		
DQO-PRO Software  ELIPGRID - PC Hot Spot Probability Calculations		Pacific Northwest National Laboratory (PNNL)
(Pacific Northwest National Laboratory (PNNL))		I work to the transplant bacolinesty (11112)
(Pacific Northwest National Laboratory (FNNL))		

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		table control of the
Title	Date of	Author or Sponsoring Organization
	Publication	
	- 4 4 0 0 <del>-</del>	
Evaluation of Selected Environmental Decision Support	6/1/1997	
Software (1997)		
Exposure Model for Soil-Organic Fate and Transport	2/1/1997	EPA National Center for Environmental Assessment
(EMSOFT) (EPA National Center for Environmental		
Assessment, 1997)		
FEMWATER Version 3.0 (Center for Exposure	8/1/1993	Center for Exposure Assessment Modeling (CEAM),
Assessment Modeling (CEAM), U.S. EPA ORD		U.S. EPA ORD Environmental Research Laboratory
Environmental Research Laboratory, 1993)		
Fully Integrated Environmental Location Decision Support	6/1/2002	EPA Region 5
(FIELDS), Version 3.0a (EPA Region 5, 2002)		
Geo-Eas 1.2.1 - Geostatistical Environmental Assessment	4/1/1991	EPA Environmental Monitoring Systems Laboratory
Software (EPA Environmental Monitoring Systems		
Laboratory, 1991)		
GEO-EAS 1.2.1 User's Guide (Environmental Monitoring	4/1/1991	Environmental Monitoring Systems Laboratory
Systems Laboratory, 1991)		
GEOPACK System Geostatistics for Waste Management	1/1/1990	Processes and Systems Research Division, Robert S.
1.0. E (Processes and Systems Research Division, Robert		Kerr Environmental Research Laboratory, EPA ORD
S. Kerr Environmental Research Laboratory, EPA ORD,		
1990)		
Geophysics Advisor Expert System Version 2.0 (Prepared	10/1/1992	Prepared by Gary R. Olhoeft, Branch of Geophysics,
by Gary R. Olhoeft, Branch of Geophysics, U.S.	10,1,1,2,2	U.S. Geological Survey for Advanced Monitoring
Geological Survey for Advanced Monitoring Division,		Division, Environmental Monitoring Systems Lab
Environmental Monitoring Systems Lab, 1992)		- · · · · · · · · · · · · · · · · · · ·
Environmental Montesting Systems Suc, 1992)		·
Geostatistics for Waste Management: A User's Manual	1/1/1990	Robert S. Kerr Environmental Research Laboratory
for the GEOPACK (Version 1.0) Geostatistical Software	1,1,1550	Nobell B. 1201 Bh , nomination 10000200 200001
System (Robert S. Kerr Environmental Research		
Laboratory, 1990)		
Grits Statistical Software, Version 4.21 (EPA Region 5	3/1/1994	EPA Region 5 and 7 and EPA OSW PSP Division
and 7 and EPA OSW PSP Division, 1994)	3/1/1994	El A Region 5 and 7 and El A O5 W 151 El Vision
	9/1/1997	Center for Subsurface Modeling Support, Robert S.
Hydrocarbon Spill Screening Model (HSSM) Windows	9/1/1997	Kerr Environmental Research Laboratory, EPA ORD
Version 1.2.a (Center for Subsurface Modeling Support, Robert S. Kerr Environmental Research Laboratory, EPA		Refi Environmental Research Eaboratory, Et 11 Old
ORD, 1997)	11/1/1009	EPA Center for Exposure Assessment Modeling
Hydrodynamic, Sediment, and Contaminant Transport	11/1/1998	EPA Center for Exposure Assessment Wodering
Model (HSCTM2D) Version 1.01 (EPA Center for		
Exposure Assessment Modeling, 1998)	0/1/1004	OCC CD 1 1 D 1
Hydrologic Evaluation of Landfill Performance (HELP)	9/1/1994	Office of Research and Development
Model Engineering Documentation for Version 3 (Office		
of Research and Development, 1994)		
2 1217	0/1/1004	Office of December 1 December 1
Hydrologic Evaluation of Landfill Performance (HELP)	9/1/1994	Office of Research and Development
Model User's Guide for Version 3 (Office of Research and	1	
Development, 1994)		low on the second
Hydrologic Evaluation of Landfill Performance (HELP)	9/1/1994	Office of Research and Development
System Version 3.04 (Office of Research and		
Development, 1994)		

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Title	Date of	Author or Sponsoring Organization
Title	Publication	Antim of Spinsoring Organization
	i ubittutan	
Integrated Model Evaluation System (Exposure	9/1/1993	Exposure Assessment Group, Office of Health and
Assessment Group, Office of Health and Environmental	3/1/1773	Environmental Assessment, EPA ORD
Assessment, EPA ORD, 1993)		
	2000	USGS
MODFLOW (USGS, 1905)	6/14/2000	USGS
MODPATH (USGS, 2000)	5/1/1991	Robert S. Kerr Environmental Research Laboratory
MOFAT: A Two Dimensional Finite Element Program	3/1/1991	Robert S. Rell Environmental Research Laboratory
for Multiphase Flow and Multicomponent Transfer Program Documentation and User's Guide (Robert S. Kerr		
Environmental Research Laboratory, 1991)		
MOFAT: A Two Dimensional Finite Element Program for		Center for Subsurface Modeling Support, Robert S.
Multiphase Flow and Multicomponent Transfer, Version	-	Kerr Environmental Research Laboratory, EPA ORD
2.05 (Center for Subsurface Modeling Support, Robert S.		Ren Environmental Research Education, Errica
Kerr Environmental Research Laboratory, EPA ORD)		
Reit Environmental Research Laboratory, EFA ORD)		
MT3D Version 1.1 (USEPA NRML/SPRD, 1992)	1/1/1992	USEPA NRML/SPRD
MULTIMED - Multimedia Exposure Assessment Model,	10/1/1996	Environmental Research Laboratory, EPA ORD
2.0a Beta (Environmental Research Laboratory, EPA	10, 1, 1, 2, 3	
ORD, 1996)		
Multimedia Contaminant Fate, Transport, and Exposure	6/1/1997	EPA Center for Exposure Assessment Modeling
Model (MMSOILS) (EPA Center for Exposure	0/1/1/2//	En il contei foi Empotare i medicament i
Assessment Modeling, 1997)		
Multimedia Exposure Assessment Model (Multimed) for		Environmental Research Laboratory
Evaluating the Land Disposal of Wastes - Model Theory		Environmental Research Eaboratory
(Environmental Research Laboratory)		
	10/1/1997	Center for Subsurface Modeling Support, Robert S.
NAPL Simulator Version 1.0 (Center for Subsurface	10/1/1997	Kerr Environmental Research Laboratory, EPA ORD
Modeling Support, Robert S. Kerr Environmental	1	Ren Environmental Research Laboratory, Et 71 Old
Research Laboratory, EPA ORD, 1997)		Robert S. Kerr Environmental Research Laboratory,
PESTAN: Pesticide Analytical Model, Version 4.0		Center for Subsurface Modeling Support
(Robert S. Kerr Environmental Research Laboratory,		Center for Subsurface Modeling Support
Center for Subsurface Modeling Support)	11/1/1002	Country for Cultury for Madeling Commant Bahart C
Pesticide Analytical Model (PESTAN), Version 4.0	11/1/1992	Center for Subsurface Modeling Support, Robert S.
(Center for Subsurface Modeling Support, Robert S. Kerr		Kerr Environmental Research Laboratory, EPA ORD
Environmental Research Laboratory, EPA ORD, 1992)		
ProUCL Version 3.0	4/1/2004	EPA ORD
PRZM-2, A Model for Predicting Pesticide Fate in the	3/1/1993	Office of Research and Development
Crop Root and Unsaturated Soil Zones: User's Manual for	I .	office of resource and Development
Release 2.0 (Office of Research and Development, 1993)		
1793)		
PRZM3 Version 3.12 Beta (Center for Exposure	3/1/1998	Center for Exposure Assessment Modeling, EPA ORD,
Assessment Modeling, EPA ORD, Athens Environmental		Athens Environmental Research Laboratory
Research Laboratory, 1998)		_
RETC Version 1.1 (Center for Subsurface Modeling	11/1/1994	Center for Subsurface Modeling Support, Robert S.
Support, Robert S. Kerr Environmental Research		Kerr Environmental Research Laboratory, EPA ORD
Laboratory, EPA ORD, 1994)		
RITZ Version 2.12 (Center for Subsurface Modeling	1/1/1988	Center for Subsurface Modeling Support, Robert S.
Support, Robert S. Kerr Environmental Research	1,1,1,00	Kerr Environmental Research Laboratory, EPA ORD
Laboratory, EPA ORD, 1988)		The state of the s
Lacotatory, LT A OIL, 1900)		

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Title	Date of	Author or Sponsoring Organization
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Saturated-Unsaturated Transport Finite-Element Ground-Water Simulation Model (SUTRA) (USGS, 1997)	1997	USGS
SCOUT User's Guide		
SCOUT Version 2.0 (USEPA Quality Assurance and Methods Development Division & Exposure Assessment Research Division Environmental Monitoring Systems Laboratory)	<b></b>	USEPA Quality Assurance and Methods Development Division & Exposure Assessment Research Division Environmental Monitoring Systems Laboratory
Simulated Superfund Site Interactive Training Environment (SimSITE) (Developed by Research Triangle Institute, under contract to EPA)		Developed by Research Triangle Institute, under contract to EPA
Soil Transport and Fate (STF) Database, Version 2.0 (Center for Subsurface Modeling Support, Robert S. Kerr Environmental Research Laboratory, EPA ORD, 1991)	6/1/1991	Center for Subsurface Modeling Support, Robert S. Kerr Environmental Research Laboratory, EPA ORD
Spatial Analysis and Decision Assistance (SADA), Version 3.0		
Subsurface Characterization and Monitoring Techniques A Desk Reference Guide Volumes I and II (EPA ORD, 1993)	5/1/1993	EPA ORD
UTCHEM Version 6.1 (Center for Subsurface Modeling Support, Robert S. Kerr Environmental Research Laboratory, EPA ORD, 1999)	2/1/1999	Center for Subsurface Modeling Support, Robert S. Kerr Environmental Research Laboratory, EPA ORD
Visual Sample Plan (VSP) Beta Version 2.2 (Pacific Northwest National Laboratory (PNNL) and Advanced Infrastructure Management Technologies (AIMTech) - Grand Junction, CO.)		Pacific Northwest National Laboratory (PNNL) and Advanced Infrastructure Management Technologies (AIMTech) - Grand Junction, CO.
VLEACH A One Dimensional Finite Difference Vadose Zone Leaching Model, Version 2.2 (Center for Subsurface Modeling Support, Robert S. Kerr Environmental Research Laboratory)		Center for Subsurface Modeling Support, Robert S. Kerr Environmental Research Laboratory
Well Head Analytic Element (WhAEM) 2000 Version 1.0.4 (Center for Subsurface Modeling Support, Robert S. Kerr Environmental Research Laboratory, EPA ORD, 2000)	12/1/2000	Center for Subsurface Modeling Support, Robert S. Kerr Environmental Research Laboratory, EPA ORD
WHPA Version 2.2 (Center for Subsurface Modeling Support, Robert S. Kerr Environmental Research Laboratory, EPA ORD, 1993)	9/1/1993	Center for Subsurface Modeling Support, Robert S. Kerr Environmental Research Laboratory, EPA ORD
WINBRANCH (USGS, 1997)	7/31/1997	USGS